ARMSCOR

ARMSCOR 1911 PISTOL

Cal. 45 , Cal.9mm , Cal.38 Super

USER'S MANUAL

WARNING: READ THE INSTRUCTIONS and SAFETY PRECAUTIONS IN THIS MANUAL CAREFULLY BEFORE USING THIS FIREARM.

TABLE OF CONTENTS

INTRODUCTION	2
GENERAL INFORMATION	2
BASIC MODEL DESCRIPTION	3
SPECIFICATIONS	4
SAFETY FEATURES	5
SPECIAL FEATURES	5
AMMUNITION to USE	6
Operating Instructions	
Loading	7
Firing	7
Unloading	8
Basic Maintenance	
Disassembly	8
Reassembly	10
Care and Maintenance	11
Parts List	12
The Basic Rules of Safe Firearms Handling	14
Statement of Liability	15
Warranty Information	15
Exploded Drawing	16

NOTE ON THIS USER'S MANUAL

This USER'S MANUAL applies both for the high capacity or double column and the standard single column models in cal.45, 9mm or 38Super. There is actually no fundamental difference in the basic design and principle of operation between the two models other than the round capacity.

INTRODUCTION

As a responsible firearms owner, you must read this USER'S MANUAL thoroughly and become familiar with it before you handle your new **ARMSCOR 1911 PISTOL**.

This USER'S MANUAL is design to assist you in learning the proper use and care of your handgun. After reading this manual, examine your handgun carefully and make sure you understand all of the basic features associated with it. This includes knowing its basic parts, how the safety features operate, how to open and close the action and how to safely load and unload ammunition. Remember that improper use and handling of this handgun is dangerous, may void the warranty and could cause severe injury or death to you personally or to those around you.

The **ARMSCOR 1911 PISTOL** is as well made as modern technology allows and will give you a lifetime of reliable service, security and pride of ownership. You, the owner, must use it properly and take good care of it, as per the instructions given in this USER'S MANUAL and must not hesitate to ask pertinent questions from the manufacturer or from competent gunsmiths.

This USER'S MANUAL should always be kept available for reference and should accompany the firearm if transferred to another party.

GENERAL INFORMATION

The Colt Government Model 1911-A1 semi-automatic pistol designed by John M. Browning has been one of the word's most popular side arms. It is a tried and proven design that outlasted its contemporaries and is still the top firearm choice for military, police and competition shooters throughout the word. Because of its practical design,

safety features and rugged construction, it has been considered by many military experts as the best close range defense weapon ever designed.

In its original design however, the MODEL 1911- A1 has a limited round capacity. Thus, for the tactical shooters, it lacks the firepower of the new breed of" Wonder Nines" currently in production. Some designers tried to increase the round capacity by increasing the length of the magazine and the handle but this proved to be cumbersome.

While in the production of the standard 8-round model, Arms Corporation of the Philippines desired to increase the firepower of the legendary Colt Model 1911-A1, without sacrificing its original ergonomics, by developing the high capacity ARMSCOR 45 PISTOL.

BASIC MODEL DESCRIPTION

The high capacity ARMSCOR 45 PISTOL in Cal.45 ACP is basically patterned after the Colt Model 1911-A1, but with an 85% increase in magazine capacity. It utilizes a frame with a widened grip contour to accommodate a double column magazine with a capacity of thirteen (13) rounds arranged in a staggered configuration. The pistol which is designed for both combat and competition, combines the best accepted principles of strength, safety, accuracy, mechanical reliability and ease of handling-all to meet the most exacting standards of law enforcement, military, self defense and competition shooting.

All parts are made of high-grade ordnance steel and heat treated for strength and durability. The lug contract areas being the locking elements of the frame, slide and barrel, are precisely machined and heat-treated, providing accuracy, toughness and rigidity in the locked firing position.

The frame, slide and other action parts are made by precision investment casting and CNC-machined to equally consistent dimensions to ensure mechanical efficiency, long life and parts interchangeability.

SPECIFICATION

	STANDARD	HIGH CAPACITY
Model	1911-A1	1911-A2
Caliber	45 ACP, 9MM, 38SA	45 ACP, 9MM, 38SA
Action	Semi-Auto, Recoil Operated	Semi-Auto, Recoil Operated
Magazine Capacity	8 Rounds - Cal.45 9 Rounds - Cal.9MM/38S	13 Rounds - Cal.45 17 Rounds - 9MM/38S
Effective Range	50 meters	50 meters
Overall Width	33 mm	36 mm
Overall Length	213 mm	213 mm
Overall Height	138 mm	138 mm
Weight, Empty	1.12 kg 1.13 kg. - 9MM/38S	1.18 kg. - Cal.45 1.16 kg. – Cal. 9MM/38S
Loaded	1.29 kg. – Cal.45 1.25 kg. - Cal.9mm 1.26 kg. - Cal.38S	1.43 kg. - Cal.45 1.46 kg. - Cal.9mm 1.48 kg. - Cal.38 S
Trigger Pull	1.81 to 2.95 kg.	1.81 to 2.95 kg.
Barrel Length	127 mm	127 mm
Sights, Front	Fixed, mounted in dovetail cut	Fixed, mounted in dovetail cut
Rear	Fixed, mounted in dovetail cut	Fixed, mounted in dovetail cut
Rifling Twist	Right Hand, One Turn in 400 mm	Right Hand One Turn in 400 mm
No. of Grooves	6	6
Finish	Blued or Two-tone (With Frame in stainless steel or hard chromed)	Blued or Two-tone (With frame in stainless steel or hard chromed)

NOTE: Specifications subject to change without prior notice.

SAFETY FEATURES

WARNING: THE USER SHOULD NEVER DEPEND ON A SAFETY MECHANISM OR ANY OTHER MECHANICAL DEVICE TO JUSTIFY CARELESSNESS AND IMPROPER HANDLING.

1. **Safety Lock**: The pistol is fitted with a safety lock which when applied at the cocked position, blocks the sear and hammer to prevent the gun from being fired.
2. **Grip Safety**: The pistol cannot be fired until the grip safety is pressed in, when the gun is gripped for firing.
3. **Disconnector Safety**: The pistol is designed with an automatic disconnector, which enables it to fire only when it is fully locked and the trigger is released after each shot.
4. **Half-cocked Position**: The hammer is provided with a half cock notch, which allows it to be locked in the half-cocked position in cases of unintentional hammer release or follow though caused by sear bounce.
5. **Inertia Firing Pin**: The firing pin is designed to operate on the principle of inertia, with its length shorter than the overall length of the breechblock. It requires a blow from the fully cocked hammer to strike and percuss the cartridge primer.

SPECIAL FEATURES

* Double slide serrations cut for optimal grip and cocking ease.
* Lowered slide ejection port for a more efficient and reliable and ejection of spent shell
* Skeletonized combat hammer with serrated non-slip thumb surface and matching large oval opening for light, weight and reduced lock time.
* Beavertail grip safety which protects the hand from hammer bite and gives a bitter grip that allows the gun to sit lower in the hand for less felt recoil.

* Extended ejector that flips fired cases clear of the slide to help prevent "smoke stacking" and jams.
* Extended ambidextrous safety ideal for the "thumb high" hold for both right-handed and left-handed shooters.
* Ramped-type barrel for cal.9mm and 38 Super.
* Non-slip serrated and skeletonized trigger.
* Specially designed checkered high-impact phenolic grip.
* Plastic carrying gun case with egg crate type poly-foam for ultimate gun protection.
* Two (2) magazines per gun.

Note: Specifications and features subject to change without prior notice.

AMMUNITION TO USE

The **ARMSCOR 1911 PISTOL** is chambered for Cal.45 ACP, 9mm or 38 Super Automatic cartridge in the round nose configuration (Note: Use of wad cutter or cartridge in the flat nose configuration may require extra adjustment of the barrel feed ramp by a competent gunsmith) manufactured in accordance with industry standard. Non-standard or improperly loaded cartridges affect accuracy and cause mechanical feeding problem. Always check for the following possible defects before loading the ammunition into your pistol.

a. Poorly seated primers
b. Incorrect seating length
c. Lead deformation on the front and shoulder
d. Over expanded case mouth
e. Improper crimping
f. Damaged case rims

CAUTION: NEVER USE CARTRIDGE OF UNKNOWN CALIBER, ORIGIN AND LOAD. IT IS EXTREMELY DANGEROUS TO USE A CARTRIDGE WHOSE PRESSURE IS GREATER THAN INDUSTRY STANDARD, AS THE FIREARM

MAY BE DAMAGED, AND DEATH OR SERIOUS INJURY TO THE SHOOTER OR OTHER PERSONS MAY RESULT.

OPERATING INSTRUCTIONS

WARNING: ALWAYS KEEP THE PISTOL POINTED IN A SAFE DIRECTION WHEN LOADING AND UNLOADING. INSPECT THE CHAMBER AND BORE OF THE BARREL FOR ANY OBSTRUCTION, EXCESSIVE OIL OR GREASE. FAILURE TO DO SO MAY RESULT IN GUN DAMAGE AND/OR INJURY TO THE SHOOTERS OR THOSE NEARBY.

LOADING

To load the magazine, place the first cartridge in the front end of the magazine follower and push it down until it can be slid in under the feed lips of the magazine. Place the second cartridge on the top of the first and force it down in the same way as the first one. Repeat this procedure until the magazine contains the number of cartridges you intend to load. (Note: Refer to the specifications for the magazine capacity per model).

To load the pistol, insert the loaded magazine into the grip (handle) and push it up until the magazine release engages in its slot locking in place. Hold the pistol firmly with your firing hand. Grasp the slide at its serrated section with your other hand and pull it to the rear as far as it will go. (Note: The hammer can be cocked first to make the slide easier to pull). Then, release the slide smartly. A cartridge is now loaded in the chamber and the pistol is ready to fire. Push the safety lock upwards into the "SAFE" position and leave it there until you're ready to shoot.

FIRING

To fire the pistol, press the safety lock down to the " FIRE" position. Obtain the correct sight alignment and sight picture and squeeze the trigger. To fire successive shots, the trigger must be released and squeeze repeatedly. When the last cartridge from the magazine has been fired, the slide remains to the rear. If you intend not to shoot or cease firing, remember you have a loaded gun in your hand. First keep the gun pointed in a

safe direction and keep your finger off the trigger. Then, unload the gun by following the unloading procedure below.

UNLOADING

To unload, press the magazine release and remove the magazine. If the slide is in the forward position, pull it to the rear and retain by pushing the slide stop up. Inspect the chamber to make sure that the pistol is clear and unloaded. If the chamber is empty, press the slide stop down while squeezing the trigger, allowing the slide to go forward. If there is a shell or unfired cartridge in the chamber, manually remove it before pressing the stop down. Your gun is now unloaded.

BASIC DISASSEMBLY AND REASSEMBLY

DISASSEMBLY

A. BARREL AND SLIDE ASSEMBLY

1. Press the magazine release and withdraw the magazine. Pull the slide backward and check the chamber to ensure that pistol is unloaded and safe.
2. Press the recoil spring plug with your thumb and rotate the barrel bushing clockwise.
3. Gently allow the plug and recoil spring set to move forward. Do not remove the set as this will keep the recoil spring guide in place.
4. Pull the slide backwards until the smallest slot on its left aligns with the top rear of the stop. Remove the slide stop by pressing its pivot stud on the right side of the frame.
5. Pull the slide directly forward of its guide rails in the frame. The barrel, barrel bushing, recoil spring, recoil spring guide and recoil spring plug will come out with it.
6. Remove the recoil spring guide and plug from the slide.
7. Rotate the barrel bushing to the left as far it will go and withdraw it to the front.

8. Tilt the barrel link forward to withdraw the barrel though the front of the slide.
9. Remove the firing pin by pressing it with a pin while simultaneously pushing the firing pin stop downwards and out of the slide.
10. Using a pin (or the firing pin itself), pry the extractor by its groove out of the slide.

B. FRAME ASSEMBLY

1. Remove the pair of grip panels by unscrewing the grip screws with a screwdriver of the correct size.
2. Cock the hammer. Hold the thumb piece of the safety lock firmly with your thumb and index finger and exert a steady pressure to pull it outward while twisting it back and forth. The safety lock will thus come out the frame.
3. Lower the hammer by gripping the frames it for shooting, to compress the grip safety and press the trigger, while holding on to the hammer to ease it down.
4. With the pivot stud of the safety lock, force the hammer pin out of the frame. This will permit the hammer and the strut attached to it to be lifted out.
5. With the end of the hammer strut or a suitable punch, push the main spring housing pin out of the right side of the frame.
6. Withdraw the main spring housing assembly straight down out of its grooves in the frame.
7. Remove the grip safety and the three-leafed sear spring rearward from the frame.
8. Again, using the hammer strut, push the sear pin from the right to left removing it out of the frame. This will permit the sear and the disconnector, which are both mounted on this pin, to be withdrawn out of the frame.
9. Partly push the magazine release in on the left side of the frame by as much as .075 in., and rotate the magazine release lock a quarter turn from

right to left with a small screw driver. This enables the magazine release assembly to be removed out of the frame as a unit.

10. Remove the trigger assembly out of its recess cuts in the frame.
11. Push the combination slide and safety lock plungers and the spring between them out to the rear of the cast-in-frame plunger tube.
12. To dismantle the main spring housing assembly, force the main spring cap down with a punch and push the main spring cap pin out of its hole in the main spring housing. This will permit the main spring cap, the main spring housing pin retainer to be withdrawn from the housing.

REASSEMBLY

While reassembly of the dismantled pistol is done in the reverse order of disassembly, the following special instruction will be of assistance:

1. When the barrel and slide assembly is to be mounted on the frame, hold both the slide and the frame bottom side-up. Make sure that the link is titled to the front as far as it will go and that the barrel link pin is flush in its seat. Then slide the frame forward into the slide rails.
2. The disconnector and sear are assembled together and it is important that they be in proper position. To do this, first mount the sear over the disconnector (curved section inward, lugs pointing downward). Put the parts together into the frame by in inserting the rounded head of the disconnector in its hole in the frame so that the flat face of its lower end rests against the trigger stirrup. Slightly press the trigger so that the holes of the two parts will line up with that of the frame. Holding them this way, insert the sear pin from the left side of the frame making sure that it passes through both the disconnector and the sear.
3. In replacing the sear spring, make sure that its lower end is caught in the slot located at the bottom rear of the frame handle. The upper end of the left-hand leaf must rest against the sear. While retaining in this position, slide the main spring housing up in its grooves until its end is projecting only about one-eight of an inch below the edge of the bottom of the frame.

4. Cock the hammer to replace the safety lock.
5. Having replaced the hammer, the grip safety and the safety lock, cock the hammer. Make sure that the hammer strut rests on the main spring cap. Then, push the main spring housing up into the frame to its final position and retain the assembly by driving in the main spring housing pin.

CARE AND MAINTENANCE

With proper care, your ARMSCOR 1911 PISTOL will provide you with years of dependable service. It should be inspected, cleaned and oiled periodically to ensure that it remains in good condition and functions safety and reliably. Doing the job requires no total disassembly of the mechanical parts in the frame assembly. Under normal cleaning purposes, field stripping or dismounting of the slide and barrel assembly is sufficient.

To clean the pistol after firing, first dismount the slide and barrel assembly. Scrub the barrel bore and chamber with a bore brush dipped in a gun cleaning solvent to remove lead residues and foreign matters left inside. Using an old toothbrush dipped in solvent, clean the areas around the slide's breech face to remove powder and primer residues. Other parts and areas to be cleaned are the slide and barrel locking lugs, the frame and slides rails, firing pin, extractor claw and other adjacent areas. After cleaning, wipe all surfaces with a clean dry cloth to remove all traces of the solvent and apply a light film of oil immediately thereafter.

To clean the pistol thoroughly, disassemble all parts to the extent described above, taking care not to ruin or lose any part. Clean and inspect all parts then dry and lubricate very lightly. Reassemble the pistol, dry the barrel chamber and bore and check the gun for proper functioning before loading live ammunition.

When storing the gun for a prolonged period of time, it is necessary to oil it heavily with an acid-free lubricant. The external parts must be coated with an anti-rust oil or grease to prevent moisture from setting on the metals and slipping into the internal mechanism causing the parts to rust and malfunction. Before usage, the pistol must be cleaned and wiped dry again as discussed above.

CAUTION: THE GUN SHOULD BE STORED IN ROOMS WITH DRY ATMOSPHERE AND WITH THE LEAST HUMIDITY. IT SHOULD NOT BE STORED ENCASED IN LEATHER OR ANYTHING THAT WILL ATTACT AND HOLD MOISTURE, CAUSING THE METAL PARTS TO RUST.

PARTS LIST

(Note: With reference to the Exploded Drawing on page 14)

PART NO.	DESCRIPTION
4501	Barrel
4502	Barrel Bushing
4503	Barrel link
4504	Barrel link pin
4505	Slide
4506 E	Slide Stop
4507	Slide stop plunger
4508	Plunger Spring
4509	Firing Pin
4510	Firing Pin Spring
4511	Firing Pin Stop
4512	Extractor
4513 A	Front Sight
4514	Rear Sight
4515	Recoil spring
4516	Recoil Spring Plug
4517	Recoil Spring Guide
4518	*Frame
4518PT	Plunger Tube
4519	* Magazine Box
4520	* Magazine Spring
4521	* Magazine Follower

4522	* Magazine Spring Plate
4523	* Magazine Floor Plate
4524	* Magazine Release
4525	Magazine Release Lock
4526	Magazine Release Spring
4527	* Grip Panel Right
4528	* Grip Panel Left
4529	* Grip Screw
4529GSB	* Grip Screw Bushing
4530	* Trigger Shoe
4531	* Trigger Stirrup
4532	* Trigger Stirrup Pin
4533C	Hammer
4534	Hammer Pin
4535	Hammer Strut
4536	Hammer Strut Pin
4537	Sear
4538	Sear Pin
4539	Sear Spring
4540	Disconnector
4541ASL	Ambi. Safety Left
4541ASR	Ambi. Safety Right
4542	Safety Lock Plunger
4543	Ejector
4544	Ejector Pin
4545BGS	Beavertail Grip Safety
4546	Main Spring
4547	Main Spring Cap
4548	Main Spring Cap Pin
4549	Main Spring Housing
4550	Main Spring Housing Pin

4551 Main Spring Housing Pin Retainer

Note:

All parts not marked with asterisk (*) are common to the high capacity and the standard models. When ordering parts, it is necessary to specify the model and the caliber aside from the part number.

THE BASIC RULES OF SAFE FIREARMS HANDLING

Safety must be the first and constant consideration of every person who handles firearms and ammunition. A person with a gun in his possession has an important responsibility. He must know how to use his firearm in a way that will ensure his own safety and that of other.

Firearms do not cause accidents. Firearms accidents are almost always found to have been the result of carelessness, or ignorance on the basic rules of safe gun handling on the part of the users.

The following rules must be strictly observed by gun users at all times:

1. Always keep the gun holstered except when drawn for a definite purpose.
2. Always check the gun for live ammunition when picked-up, drawn from the holster, handed to or received from another person.
3. Never point the gun at anything you don't intend to shoot.
4. Never load and cock the gun unless you are ready to shoot. Do not even insert your finger in the trigger guard until you are ready to shoot.
5. Avoid dry firing even with dummy cartridges, unless it is performed on a regular target range or at a known inanimate target.
6. When holding the gun that is ready to fire, be absolutely certain that is not pointed at any part of your body or at any person within your immediate vicinity.
7. Beware of obstruction in the barrel. If, when firing, a weak or peculiar report is heard, cease firing, unload the pistol and inspect the barrel for an obstruction. A stuck bullet or any other object on the barrel should be

removed immediately. Not doing so may result in a bulged or burst barrel that may cause injury to the shooter or bystanders.

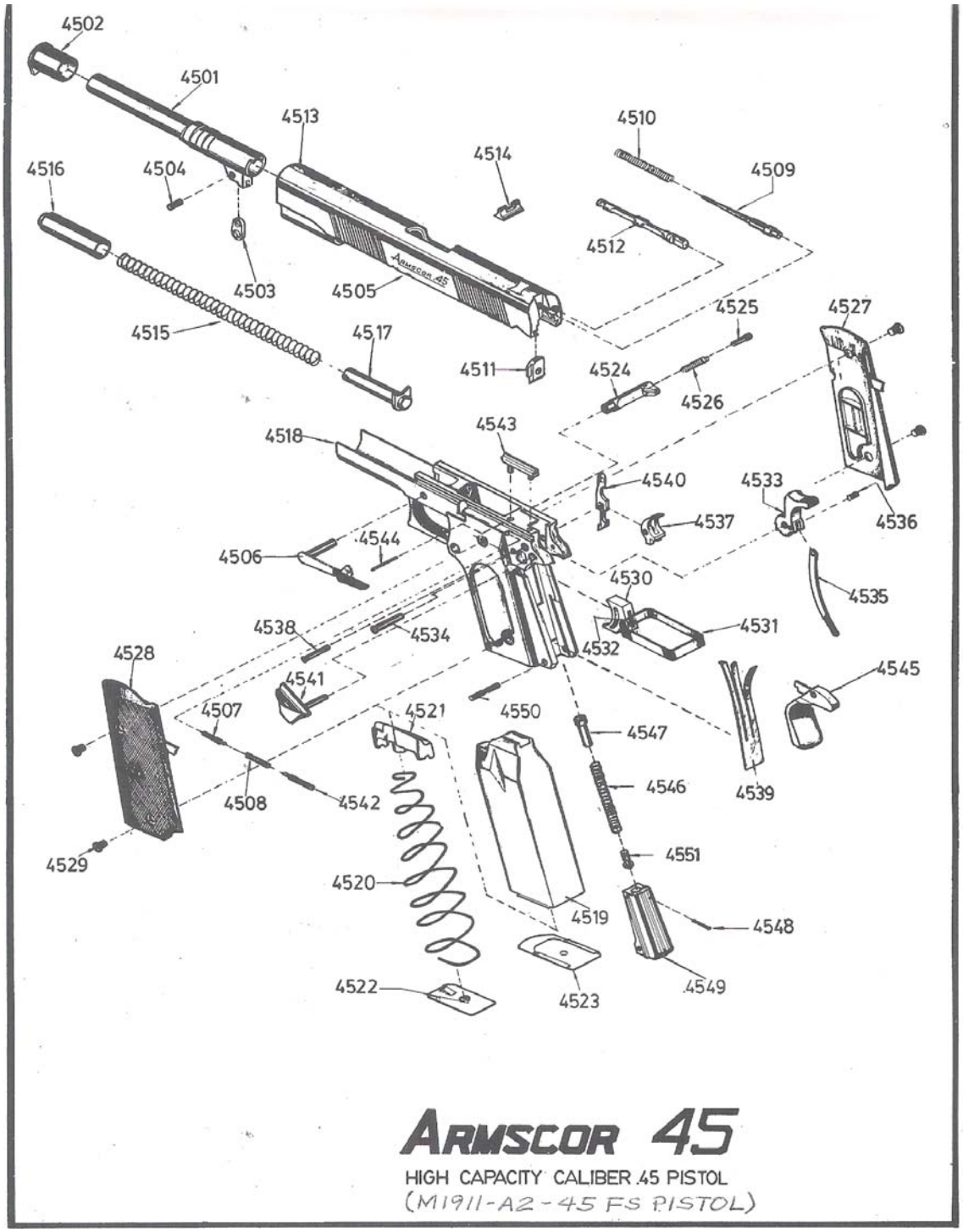
8. When a misfire is experienced, keep the gun pointed at the target for at least ten seconds before inspecting it; a delayed firing may occur.
9. As much as possible, wear shooting glasses and hearing protectors when firing.
10. Do not shoot at a hard surface or water, for the bullet can glance off and travel in unpredictable directions with considerable velocity.
11. Avoid drinking alcoholic beverages and/or taking prohibited drugs when handling the firearms.

STATEMENT OF LIABILITY

The **ARMSCOR 1911 PISTOL** is classified as a firearm of dangerous weapon. It is expressly understood that the manufacturer, Arms Corporation of the Philippines, assumes no liability for its resale or unsafe handling under local laws and regulations: and for physical injury or property damage resulting from either intentional or accidental discharge, or for the function of the gun subjected to influence beyond the manufacture's control. Arms Corporation of the Philippines will honor no claims which may result from careless handling, unauthorized adjustments, defective or improper ammunition, corrosion or neglect.

WARRANTY

ARMS CORPORATION OF THE PHILIPPINES will adjust or repair, to its commercial standard, the firearms or any part thereof found to be defective in material or workmanship. Such services shall be made free of charge within one (1) year from date of registered purchase.



Manufactured by

ARMS CORPORATION of the PHILIPPINES

Parang, Marikina City, Philippines

Tel. Nos. (63) 941-62-43 • (63) 941-62-44 • (63) 941-54-80